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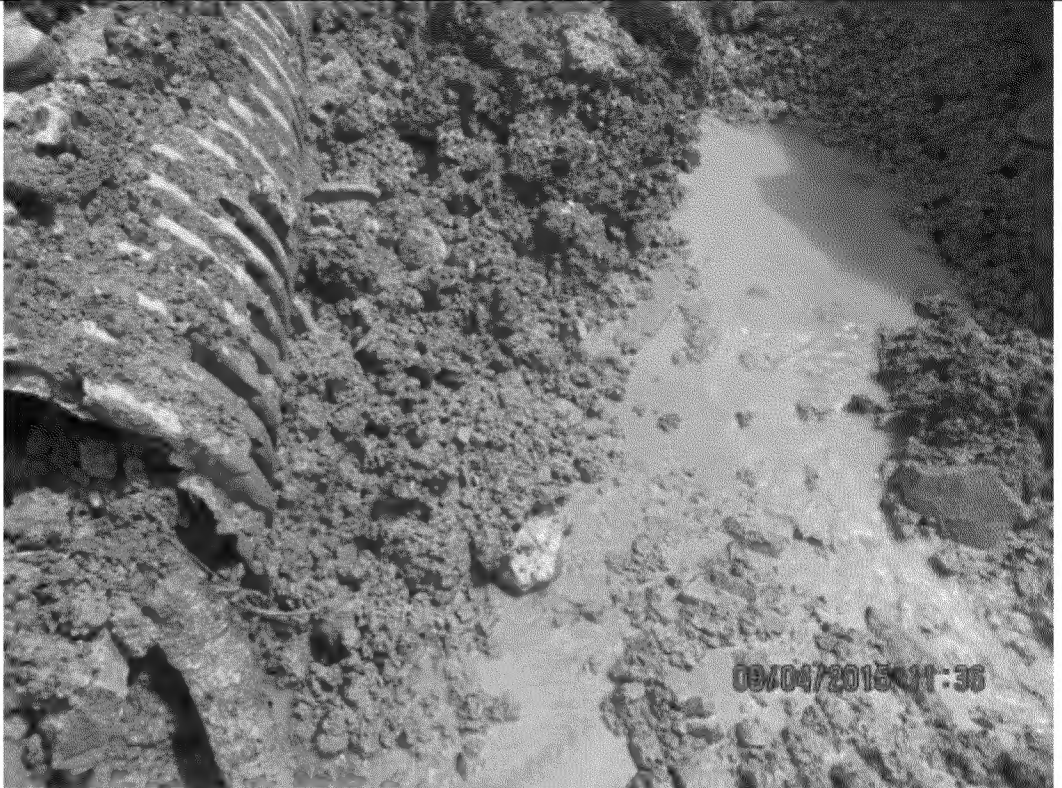



Photo No. 1	Date: 08/04/2015	
Direction Photo Taken: North		
Description: Beginning investigation into collapsed adit.		

Photo No. 2	Date: 08/04/2015	
Direction Photo Taken: North		
Description: Excavated next to DRMS-installed culvert, water muddy from soil disturbance.		



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Photo No. 3	Date: 08/04/2015	
Direction Photo Taken: Down		
Description: Seepage from soil next to piping.		
Photo No. 4	Date: 08/04/2015	
Direction Photo Taken: Down		
Description: Seepage next to the pipe is clear until entering disturbed soil.		



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Photo No. 5	Date: 08/04/2015	
Direction Photo Taken: North		
Description: DRMS looking at adit excavation progress.		
Photo No. 6	Date: 08/04/2015	
Direction Photo Taken: West		
Description: Water minimally murky from disturbed soil and water entering the North Fork from site.		

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Photo No. 7	Date: 08/04/2015	
Direction Photo Taken: South/Down		
Description: Hay bales installed as filter for sediment in North Fork.		
Photo No. 8	Date: 08/04/2015	
Direction Photo Taken: Northwest		
Description: Continuing excavation at the collapsed adit, no solid bedrock found for tunnel support.		

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Photo No. 9	Date: 08/04/2015	
Direction Photo Taken: Northeast		
Description: First signs of adit, support pillar with lagging.		
Photo No. 10	Date: 08/04/2015	
Direction Photo Taken: East		
Description: Water of the North Fork just upstream of Cement Creek.		

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**Photo
No.**

11

Date:

08/04/2015

**Direction Photo
Taken:**

East

Description:

Water of the North Fork
just upstream of
Cement Creek.



**Photo
No.**

12

Date:

08/04/2015

**Direction Photo
Taken:**



North

Description:



Collapsed supports
uncovered above
anticipated adit, no sign
of bedrock above the
adit area.





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Photo No. 13	Date: 08/05/2015	
Direction Photo Taken: North		
Description: Adit conditions the morning of 8/5.		
Photo No. 14	Date: 08/05/2015	
Direction Photo Taken: Northeast		
Description: Excavating material above the collapsed adit.		

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Photo No. 15	Date: 08/05/2015	
Direction Photo Taken: North		
Description: Bedrock found above the anticipated adit.		
Photo No. 16	Date: 08/05/2015	
Direction Photo Taken: North		
Description: Cleaning out excavated material, small leak.		

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Photo No. 17	Date: 08/05/2015	
Direction Photo Taken: North		
Description: Small leak close up.		
Photo No. 18	Date: 08/05/2015	
Direction Photo Taken: North		
Description: Hole starting to give way to flow.		

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**Photo
No.
19**

Date:
08/05/2015

**Direction Photo
Taken:**

Northeast

Description:

Adit flow increasing.



**Photo
No.
20**

Date:
08/05/2015

**Direction Photo
Taken:**



Northeast

Description:

Water flooding out at
increased rate.



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Photo No. 21	Date: 08/05/2015	
Direction Photo Taken: West		
Description: Water flowing along access road and across waste dump		
Photo No. 22	Date: 08/05/2015	
Direction Photo Taken: Southeast		
Description: Water flowing over the edge of the waste dump and collapsing the edge		

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Photo No. 23	Date: 08/05/2015	
Direction Photo Taken: Southwest		
Description: Exit route starting to collapse		



Photo No. 24	Date: 08/05/2015	 <p>08/05/2015 11:08</p>
Direction Photo Taken: Southeast/Down		
Description: Edge of the tailings dump collapsed, suburban trapped and half submerged in center of photo.		

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Photo No. 25	Date: 08/05/2015	 <p style="text-align: right;">08/05/2015 11:08</p>
Direction Photo Taken: Northeast		
Description: Gold King adit exposed.		

Photo No. 26	Date: 08/05/2015	 <p style="text-align: right;">08/05/2015 11:11</p>
Direction Photo Taken: Southeast		
Description: Water flow washing out the existing road. Note Suburban in left side of photo.		



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Photo No. 27	Date: 08/05/2015	
Direction Photo Taken: North		
Description: Exposed adit, roughly 10 feet wide by 15 feet high.		
Photo No. 28	Date: 08/05/2015	
Direction Photo Taken: North		
Description: pH of discharge water is approximately 4 to 4.5.		



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Photo No. 29	Date: 08/05/2015	
Direction Photo Taken: Northeast		
Description: Excavator redirecting water into existing half-pipe channel.		
Photo No 30	Date: 08/05/2015	
Direction Photo Taken: Southeast/Down		
Description: Collapsed portion of waste dump and road wash out.		



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Photo No. 31	Date: 08/05/2015	
Direction Photo Taken: Northeast		
Description: Adit area after regrading.		
Photo No. 32	Date: 08/05/2015	
Direction Photo Taken: North		
Description: Exposed adit and redirected flow, flow is beginning to subside.		



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Photo No. 33	Date: 08/05/2015	
Direction Photo Taken: East		
Description: Redirected flow into existing half culvert channel.		
Photo No. 34	Date: 08/05/2015	
Direction Photo Taken: North		
Description: Closeup of adit.		



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Photo No 35	Date: 08/05/2015	
Direction Photo Taken: West		
Description: Excavator beginning work to secure safe exit route for equipment, vehicles, and personnel.		
Photo No 36	Date: 08/05/2015	
Direction Photo Taken: East		
Description: Existing flow channel at maximum capacity		



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Photo No. 37	Date: 08/05/2015	
Direction Photo Taken: Southwest/Down		
Description: Excavator progress on fixing access road to create a safe exit route		
Photo No. 38	Date: 08/05/2015	
Direction Photo Taken: East		
Description: Existing culvert flows subsiding minimally.		



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Photo No. 39	Date: 08/05/2015	
Direction Photo Taken: North		
Description: No changes visible in adit structure or supports. Sloughing of materials inside the mine can be heard.		
Photo No. 40	Date: 08/05/2015	
Direction Photo Taken: South/Down		
Description: Excavator progresses to washed out North Fork crossing.		

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Photo No 41	Date: 08/05/2015	
Direction Photo Taken: Southwest/Down		
Description: Noted visitor to the site, unknown person, walked up to excavator at North Fork crossing and then back to vehicle.		
Photo No 42	Date: 08/05/2015	
Direction Photo Taken: Southwest/Down		
Description: Visitor leaving		

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Photo No. 43	Date: 08/05/2015	
Direction Photo Taken: South/Down		
Description: Excavator continues to fix access road. Continued high flow is slowing progress.		
Photo No. 44	Date: 08/05/2015	
Direction Photo Taken: East		
Description: Half culvert flow continues to subside		

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Photo No. 45	Date: 08/05/2015	
Direction Photo Taken: North		
Description: Water levels lowering at adit entrance, no visible changes to structure.		

Photo No. 46	Date: 08/05/2015	
Direction Photo Taken: West		
Description: Flight for life Helicopter coming up the valley to pick up a person who crashed a vehicle on Corkscrew Pass, not related to this event.		

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Photo No. 47	Date: 08/05/2015	
Direction Photo Taken: Southwest		
Description: Close up of Flight for Life.		
Photo No. 48	Date: 08/05/2015	
Direction Photo Taken: Northeast		
Description: Flow path from adit, water flow appears to have stabilized around 1400.		

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Photo No. 49	Date: 08/05/2015	
Direction Photo Taken: North		
Description: pH measured at approximately 4.5.		

Photo No. 50	Date: 08/05/2015	
Direction Photo Taken: Southwest/Down		
Description: DRMS arrives back on site, had visited the site around 0930 to check on progress of investigation, left approximately 1030, prior to blowout.		

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**Photo
No.
51**

Date:
08/05/2015

**Direction Photo
Taken:**

North

Description:

Looking up from the toe
of the Gold King waste
dump directly south of
the adit.



**Photo
No.
52**

Date:
08/05/2015

**Direction Photo
Taken:**

Northeast

Description:

Gold King Mine tailings
dump after water
discharge.



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Photo No.
53

Date:
08/05/2015

Direction Photo Taken:

East

Description:

Looking east across Cement Creek from County Road 10 to excavator fixing County Road 52 at North Fork crossing just south of Red and Bonita Mine.



Photo No.
54

Date:
08/05/2015

Direction Photo Taken:

East

Description:

Cement Creek crossing at Gladstone.





PHOTOGRAPH LOG

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